Table ES-3. Comparison of Alternative Impacts

Resource Issue	Proposed Action			Alternative 1			Alternative 2			Alternative 3			No Action		
	Impacts	Significant Impact	Mitigation	Impacts	Significant Impact	Mitigation	Impacts	Significant Impact	Mitigation	Impacts	Significant Impact	Mitigation	Impacts	Significant Impact	Mitigation
Socioeconomics Population growth and related inability to meet demand for schools and housing, adverse effect on income, displacement of residents and disruption of businesses, adverse effect on property values.	Short-term effects: Increased employment in the study area. Long-term effects: Loss of farmland.	No[3]	No	Short-term effects: Increased employment in the study area. Long-term effects: Loss of farmland.	No[3]	No	Short-term effects: Increased employment in the study area. Long-term effects: Loss of farmland.	No[3]	No	Short-term effects: Increased employment in the study area. Long-term effects: Loss of farmland.	No[3]	No	No impacts expected.	No	No
Soils Erosion, improper drainage, high water erodibility, steep slopes, and compaction.	No impacts, with implementation of design standards and adherence to EPMs.	No[3]	No	No impacts, with implementation of design standards and adherence to EPMs.	No[3]	No	No impacts, with implementation of design standards and adherence to EPMs.	No[3]	No	No impacts, with implementation of design standards and adherence to EPMs.	No[3]	No	No impacts, with implementation of design standards and adherence to EPMs.	No	No
Visual Resources Altering existing landscapes, effects to areas of high visual quality or scenic landscapes, and consistency with local and county general plans.	Long-term: Five residences located within 0.5 miles of new ROW (Seg G). These residences view two other transmission lines in the general area.	No[3]	No	Short-term impacts during the restringing of transmission lines.	No[3]	No	Long-term: Five residences located within 0.5 miles of new ROW (Seg G). These residences view two other transmission lines in the general area.	No[3]	No	Long-term: ROW located at the Cosumnes River Preserve. Other transmission lines are located in the adjacent ROW.	No[3]	No	No impacts expected.	No	No
Water Resources Erosion, compaction, and sedimentation or blockage of drainage, introduction of debris, fill, or contamination into surface water or groundwater, damage to irrigation improvements, and depletion of water resources.	Surface water would be spanned, and revegetation would minimize erosion and sedimentation. No impacts, with implementation of design standards and adherence to EPMs.	No[3]	No[6]	No impacts expected.	No[3]	No[6]	Surface water would be spanned, and revegetation would minimize erosion and sedimentation. No impacts, with implementation of design standards and adherence to EPMs.	No[3]	No[6]	Surface water would be spanned, and revegetation would minimize erosion and sedimentation. No impacts, with implementation of design standards and adherence to EPMs.	No[3]	No[6]	No impacts expected.	No	No
Wetlands Degradation of biological values and wetland functions from excavation, fill, disturbance, or sedimentation, and increased access by humans or invasive species.	Wetlands would be avoided. No impacts, with implementation of design standards and adherence to EPMs.	No[3]	No[6]	Wetlands would be avoided. No impacts, with implementation of design standards and adherence to EPMs.	No[3]	No[6]	Wetlands would be avoided. No impacts, with implementation of design standards and adherence to EPMs.	No[3]	No[6]	Wetlands would be avoided. No impacts, with implementation of design standards and adherence to EPMs.	No[3]	No[6]	No impacts expected.	No	No

[1]Western would coordinate with the Air Districts once a project is selected.
[2]Biological surveys would be conducted for only the action determined in the Record of Decision (ROD).
[3]Western would adhere to Environmental Protection Measures to minimize impacts.
[4]Western would coordinate with USFWS and CDFG as part of their Section 7 consultation in the event that removal of elderberry bushes (the habitat of the Valley elderberry longhorn beetle).
[5]Surface water and riparian habitat would be spanned and wetlands avoided; however, if they could not be spanned or avoided, Western would confer with USACE, RWQCB, and USFWS.
[6]Class III inventories would be conducted for only the action determined in the Record of Decision (ROD)
[7]Construction in floodplains would require Western to confer with USACE, RWQCB, and California Reclamation Board.